



IBM IMS Audit Management Expert for z/OS, Version 1.1

Highlights

- ***Simplifies auditing efforts by collecting and saving relevant data to a centralized audit repository***
- ***Provides an easy-to-use graphic user interface with customizable options to view repository data***
- ***Offers comprehensive reporting facilities with multiple options to report on repository data***
- ***Provides a separate administration user interface for audit, repository and user configuration***

Increasingly, organizations face major challenges from expanding regulatory issues and new requirements for security, access to corporate documents and internal controls. To help ensure compliance, auditors must be able to view, analyze and report on how well an organization is responding to these measures. Often, however, the bulk of compliance measures falls on IT staff.

IBM IMS™ Audit Management Expert for z/OS®, Version 1.1 is designed to simplify the way organizations audit IMS environments. Using a centralized approach, this robust auditing tool puts the power back in the hands of those who need it most—the auditor.

A centralized approach

IMS Audit Management Expert for z/OS collects and correlates data access information from a variety of resources, such as IMS logs and SMF, into a central audit repository. You can retrieve information from the repository through an easy-to-use interface—without having to send auditing requests through IT staff. In addition, you can specify your own criteria to ensure you collect the data most relevant to your organization's compliance efforts.

The repository saves three types of information, including:

- ***Administrative information.*** *This information defines the overall IMS Audit Management Expert environment for the server instance.*
- ***Security information.*** *IMS Audit Management Expert maintains its own user and security information to protect the potentially sensitive data collected in the repository.*
- ***Audit data.*** *The DB2® repository tables that store the collected data are designed to achieve maximum performance for the potentially high volumes of data that could be generated in some IMS systems.*

Generate reports with ease

IMS Audit Management Expert provides an easy-to-use, auditor-friendly graphic user interface for viewing, analyzing and reporting on the information collected in the repository audit log tables. By using filters to collect and define what you want, such as who updated a particular object in a certain timeframe, the presentation and terminology reflects what you, as the auditor, want to view.

Once you have the information you need, you can automatically generate your own reports and export the data into other applications such as Microsoft® Windows® Excel® spreadsheets. IMS Audit Management Expert also allows you to query the repository audit log tables with uncommitted read in order to avoid locking the tables when reports are run.

Simplify administration tasks

The IMS Audit Management Expert administrator user interface enables product administrators to easily define IMS Audit Management Expert entities such as audit criteria, users and groups. The interface simplifies administrative tasks with easy-to-use wizards to guide the administrator through each task.

Auxiliary storage

DASD storage is required for the repository DB2 table spaces. Additional storage is required for IMS Audit Management Expert specific SMF records. See *IBM IMS Audit Management Expert for z/OS User's Guide - Log Dump*.

For more information

To learn more about how IMS Audit Management Expert for z/OS can help auditors and DBAs alike ease the burden of compliance efforts, visit: ibm.com/software/data/db2imstools.

When ordering IMS Audit Management Expert for z/OS, please specify program number: 5655-R23.

IMS Audit Management Expert for z/OS, Version 1.1 technical specifications at a glance

Hardware requirements — Client

- Any hardware capable of running Windows 2000 Professional or Windows XP Professional
- 150MB minimum free disk space
- 512MB memory

Hardware requirements — Server

- Any hardware capable of running IMS V8.1 and V9.1.
- Any hardware capable of running DB2 V7.1, V8.1, or V9.1

Software requirements — Client

- Windows 2000 Professional or Windows XP Professional (32-bit).
- DB2 UDB™ for Windows: IMS Audit Management Expert for z/OS, V1.1 Reporting Client operates on any software configurations that support DB2 Connect Enterprise Edition V8.1 FixPack 7a, or later. Specifically, this includes platforms that support Windows 2000 Professional or Windows XP Professional (32-bit).

Software requirements — Server

- z/OS V1.6 (5694-A01), or later, with Integrated Cryptographic Service Facility (ICSF) enabled at the server's host
- Any one of the following DB2 versions:
 - DB2 V7.1 (5675-DB2) with APAR PQ80841
 - DB2 V8.1 (5625-DB2)
 - DB2 V9.1 (5635-DB2)*
- IMS V8 and V9



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*Note: Refer to the DB2 V9.1 Announcement Letter for detailed information or talk to your IBM representative.

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